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SOURCE Newspapers as indicated.

NEW AGRICULTURAL MACHINERY PRODUCED

ELECTRIC COMBINE DEVELOPED -- Pravda, No 222, 10 Aug 49

Recently the experimental base of the All-Union Academy of Agricultural Sciences named V. I. Lenin began tests of the first self-propelled electric combine. The new machine consists of an S-4 self-propelled combine on which an electric motor is mounted instead of an internal-combustion engine. It receives current through a flexible cable which is connected to any electric power point through a portable transformer. On one attachment of the cable the combine can operate over an area of up to 250 hectares. Preliminary tests of the combine have been successful.

The combine was assembled in the Moscow Experimental Plant of the All-Union Institute of Agricultural Electrification. The "Dinamo" Plant imeni Kirov, the Moscow Transformer Plant, and other Moscow enterprises participated in its manufacture.

Moskovskiy Bol'shevik, No 187, 10 Aug 49

All of the electrical controls of the combine are concentrated in a small panel near the steering wheel. The portable transformer substation and all the electrical equipment and apparatus are the same as those on the MF-5 electric tractor. The electric drive is capable of supporting a considerable overload.

The combine is designated SE-4.

NEW ELECTRIC WATERING MACHINE -- Bakinskiy Rabochiy, No 156, 10 Aug 49

The Engel's Experimental and Improvement Station of the All-Union Hydrotechnics and Improvement Institute has finished tests of the new DM-2 watering machine. The machine is designed to water crops while moving at a rate of 7 meters per minute on a 2.5-meter-wide road alongside an open canal, from which it takes water. The water is sprayed through 20 nozzles. It has a device for spreading mineral fertilizers in liquid form. One man can operate the machine.

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PLANT PRODUCES GRAIN CLEANERS -- Tikhookeanskaya Zvezda, No 185, 7 Aug 49

The Chelyabinsk Automatic Machinery Mechanized Plant has begun series production of the new OS-1 grain cleaner for wheat, rye, millet, etc. Its productivity is one ton of grain per hour. The plant has completed the first 100 of these machines, and on 4 August shipped a consignment of kolkhozes and sovkhozes of Altay and Khabarovsk krais and to Kuybyshev Oblast.

PLANT MAKES TRACTOR MOTORS, MILK SEPARATORS -- Pravda, No 222, 10 Aug 49

Production of milk separators in the Machine-Building Plant imeni Dzerzhinskiy in Molotov Oblast exceeds the prewar level by 150 percent.

The plant has mastered the production of motors for truck-garden tractors.

KHARKOV PLANT TO PRODUCE MOWING MACHINES -- Izvestiya, No 180, 2 Aug 49

The Kharkov "Serp i molot" Plant has been given the task of mass-producing the self-propelled mowing machine developed in the Lyubertsy Agricultural-Machine-Building Plant. The plant will produce not less than 300 of the machines this year. In 1950 a special shop will be built in the plant for manufacturing the machines.

ADMINISTRATIVE SNARL HINDERS PLANT'S OPERATIONS -- Pravda Ukrainy, No 181, 3 Aug 49

The Stryi Machine-Building-Plant imeni Kirov, formerly one of the leading plants in Drogobych Oblast, has not met its plan since the beginning of the year. This is not the result of inadequate equipment or personnel, as they have not changed, but the result of unsatisfactory administration by the Ministry of Local Industry Ukrainian SSR.

At the end of 1948, this plant was transferred from Drogobych Oblast Local Industry administration to the "Ukrstankoprom" (Ukrainian Machine Tool Industry) Trust of the Ministry of Local Industry Ukrainian SSR. This trust assigned it the job of making 1,500 universal mills (for grinding livestock feed) during 1949. The plant was then transferred to the control of the Main Administration of Agricultural Machinery of the Ministry of Local Industry Ukrainian SSR. This main administration has failed to provide the plant with the materials and additional machinery necessary to carry out this assignment.

FARM-MACHINE INSTITUTE ADMITTING GRADUATE STUDENTS -- Vechernyaya Moskva, No 187, 8 Aug 49

The All-Union Scientific Research Institute of Agricultural-Machine Building (VISHKHM) is admitting graduate students for the 1949-1950 school year in agricultural-machine building. The course of studies is not more than 3 years. Stipends, but not living quarters, are provided for graduate students.

Address of the institute: Moscow, 8, Listvennichnaya alleya, No 6. -- Advertisement.

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